PPS

Ryton® P100 Black

Syensqo

Position #113 • Jinsutong Reference Catalog 2026

Resin Overview

PPS · Unreinforced, Black, Extrusion. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Syensqo
Category	PPS · Unreinforced, Black, Extrusion
Typical Use	Unreinforced PPS for extrusion and coating

Key Properties

Density	1.35 g/cm³
MVR (310°C/5 kg)	30 g/10min
Tensile Strength at Yield	70 MPa
Tensile Modulus	3800 MPa
Elongation at Break	5%
HDT (1.8 MPa)	245 °C
Color	Black
Continuous Use Temperature	200 °C

Key Features

- Unreinforced PPS for extrusion
- High viscosity for coating
- Black pre-compounded
- High heat 200°C continuous

Processing Conditions

Melt Temperature	290-320 °C

Mold Temperature	N/A (extrusion)
Drying	4 h @ 150 °C in desiccant dryer
Processing Methods	Extrusion, coating

Typical Applications

- Chemical process coating
- Extruded PPS pipe and sheet
- High-temp black components
- Industrial coating

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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